

Dorma Door Control, Inc.
Dorma Drive,
Reamstown, PA 17567-36

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Dorma series "9000" Mortise lock w/ Dead bolt-Component Approval

APPROVAL DOCUMENT: Drawing No. **9000 DADE**, titled "DORMA M9000 Series", sheets 1 through 1 of 1, dated 02-06-2013, prepared by Building drops, Inc., signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations: 1. This component may be used as an equal alternative in corresponding lock(s) in 16 ga Commercial Steel doors, holding current NOA. Double doors must be secured with (2) surface bolts at in-active panel.

2. Lower of design pressure rating of the component or the door shall control.

3. Min two (2) #12-24x1" SS screws (Min Fu=92 ksi, Fy=87 ksi) through strike plates are required.

4. Electrical device is not part of this approval and must be reviewed by corresponding authority.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's parts drawings and sections
2. Drawing No. **9000 DADE**, titled "DORMA M9000 Series", sheets 1 through 1 of 1, dated 02-06-2013, prepared by Building drops, Inc., signed and sealed by Hermes F. Norero, P.E.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94 (Not Performed)
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

Along with marked-up drawings and installation diagram of Dorma's series ML9953D, CL753D & DB650D lock/Dead bolts in the Windsor Republic Door, Inc's hollow metal doors & louvered doors, prepared by Intertek, ETL SEMKO Testing Lab, Test Report No. **3080611**, dated Jan 19, 2006, signed and sealed by Rick Curkeet, P.E. (Note: This test report has been revised by addendum letter dtd OCT 19, 2006, issued by Intertek, ETL SEMKO, signed & sealed by Rick Curkeet, P.E.)

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS (submitted under file # 12-0203.14 / # 06-0712.09)

1. Mechanical properties data sheet of .180 diameter 302 HQ SS wire coils, issued by Gold Star Grinding & Wire Inc.
2. Intertek Testing Svc, Inc report # G10023476MID-001, dated 01/27/11 per ANSI A-156.13 issued to Dorma Door Control Inc for M9000 mortise lock sets.

F. STATEMENTS

1. Statement letter of compliance to FBC 2010 & "No financial interest", dated 09/24/12, issued by Building Drops, Inc., signed and sealed signed and sealed by Hermes F. Norero, P.E.
2. Statement e-mail dated April 19, 2012 referenced to legal name and #12 screw capacity, sent by Brian Lindemuth, Dorma's R& D/Test lab Engineer.
3. Statement letter dated Nov. 16, 2006 issued by Windsor Republic Doors, authorizing Dorma Architectural Hardware Co. to use the above referenced test report to obtain component approval (submitted under file # **06-0712.09**)
4. Statement letter dated DEC 19, 2012 of successor engineer adopting his own, another engineer's work per FLA Rule, Chapter 61G15-27, issued by Building Drops, Inc., both signed and sealed signed and sealed by Hermes F. Norero, P.E.
5. Addendum letter October 19, 2006, issued by Intertek, ETL SEMKO for test report # **3080611**, signed & sealed by Rick Curkeet, P.E. (submitted under file # **06-0712.09**)
6. Merger agreement between Dorma Door Control Inc. and Dorma Steelville, Inc. dated Feb 28, 2003, both signed by Paul T. Kosakowaski, president. (submitted under file # **12-0203.14**)

G. OTHER

1. Previous associated NOA # 06-0712.09 (Dorma Architectural) & #12-1203.10 (Dorma Door)
2. Windsor Republic above referenced letter of test report authorization.
3. Dorma's panic exit device technical publications and catalogs.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Examiner

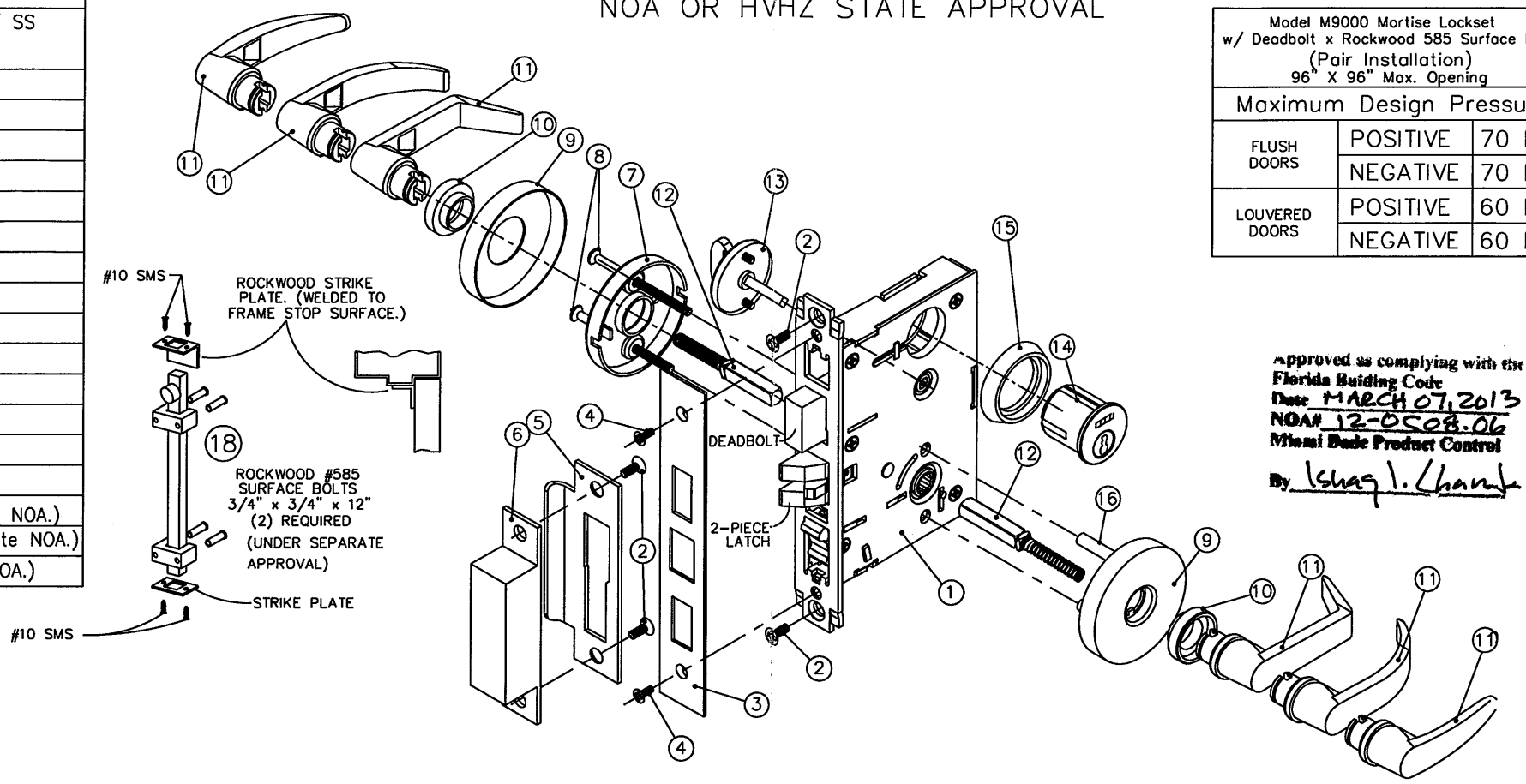
NOA No 12-0508.06

Expiration Date: March 07, 2018

Approval Date: March 07, 2013

ITEM #	QTY	DESCRIPTION
1	1	9000 SERIES MORTISE LOCK W/ DEADBOLT BODY (0.090" STEEL)
2	4	STRIKE & LOCK BODY SCREW #12-24 X 1" SS MIN. Fy = 87 KSI, MIN. Fu = 92 KSI
3	1	LOCK FACE PLATE SS
4	2	ARMOR SCREW
5	1	4-7/8" ASA STRIKE, .080" (2 mm) THICK
6	1	MORTISE STRIKE DUST BOX
7	1	INSIDE ROSE INSERT
8	2	10-32 X 1-1/4" MACHINE SREW
9	2	ROSE COVER
10	2	LEVER BUSHING
11	2	LC, LR, LG LEVER HANDLES OR CYL KNOB
12	2	SPINDLE SS/SPRING ASSEMBLY
13	2	TURN PIECE ASSEMBLY
14	1	MORTISE CYLINDER
15	1	CYLINDER COLLAR
16	1	OUTSIDE ROSE INSERT ASSEMBLY
17	1	Hinges & Reinforcement (Part of Separate NOA.)
18	2	Rockwood 585 Surfacebolts (Part of Separate NOA.)
19	1	Approved Door & Frame (Under Separate NOA.)

DORMA M9000 SERIES MORTISE LOCKSET W/ DEADBOLT (COMPONENT APPROVAL)
ON OUTSWING FLUSH OR LOUVERED PAIR STEEL DOORS HAVING CURRENT
NOA OR HVHZ STATE APPROVAL



Model M9000 Mortise Lockset w/ Deadbolt x Rockwood 585 Surface Bolts (Pair Installation) 96" X 96" Max. Opening		
Maximum Design Pressure		
FLUSH DOORS	POSITIVE	70 PSF
	NEGATIVE	70 PSF
LOUVERED DOORS	POSITIVE	60 PSF
	NEGATIVE	60 PSF

Approved as complying with the
Florida Building Code
Date: MARCH 07, 2013
NOA# 12-0508-06
Miami Dade Product Control
By: Ishag I. Chank

GENERAL NOTES

LIMITATIONS:

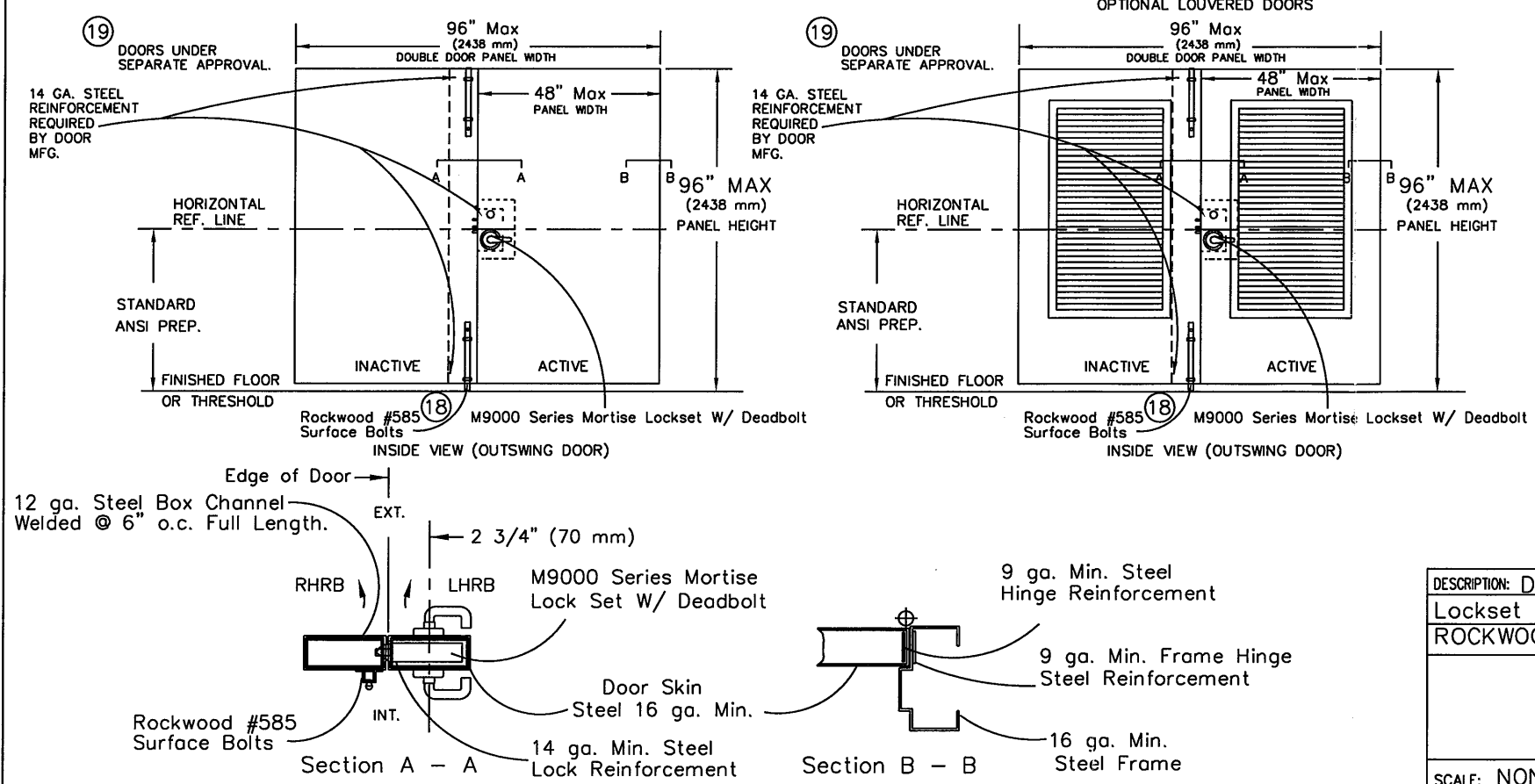
- Each device is approved to be used as equal alternate to corresponding lock approved to be used in applicable 16 ga. (.054 min.) frame & outswing 16 ga. (.054 min.) commercial steel door holding current NOA.
- Lowest Design Pressure Rating of door assembly or this component approval shall apply.
- Device shall be installed on a 16 ga. commercial steel door no larger than approved drawings as shown.
- Steel reinforcement required as indicated on detail drawings.
- Electrical devices are not part of this approval, and must be reviewed by the corresponding authority having jurisdiction. (AHJ).

Frame - Min. 16 ga. (.054" Min.)
Door - Min. 16 ga. (.054" Min.)
Edge Channels - Min 16 ga. (.054" Min.)
Hinge Reinf. - Min. 9 ga. (.132" Min.)
Door Continuous Hardware Reinforcement - Min. 12 ga. (.101" Min.)
Door Mortise Lock Reinf. - Min. 14 ga. (.067" Min.)
Inactive Leaf Astragal - Min. 14 ga. (.067" Min.)
Lock stile, hinge stile reinforcement as specified in this drawing.
All reinforcements to to spot welded or better by door manufacturer.
All dimensions in accordance with manufacturer's standard installation instructions.
Certification:
Underwriter's Laboratories - UL10C, UBC 7-2 (1997)
ANSI/BHMA Grade 1 Mortise Lockset.
3/4" Minimum latchbolt throw.
1" Deadbolt Throw.
All reinforcements to to spot welded or better by door manufacturer.
All dimensions in accordance with manufacturer's standard installation instructions.
Mortise Lockset w/ Deadbolt model M9000
Outside knob/lever may be one of the following designs shown.


MORTISE LOCK W/ DEADBOLT SPECIFICATION:
9000-SERIES = ANSI A156.13 - 2002
GRADE 1 OPERATIONAL
GRADE 1 SECURITY
UL LISTED FOR 3 HOUR DOORS
EXPOSED TRIM: FORGED BRASS AND STAINLESS STEEL LEVERS OR KNOBS
WROUGHT BRASS, BRONZE AND STAINLESS STEEL ROSES.
WROUGHT AND COLD FORGED ESCUTCHEONS.

BACK SET: 2 3/4", 2 1/2" AVAILABLE
LATCHES: 3/4" THROW - STAINLESS STEEL.
DEAD BOLT: 1" THROW - STAINLESS STEEL.
STRIKE: ANSI 1 1/4" X 4 7/8" X 1 3/16" LIP STANDARD.

LATCHBOLT/DEADBOLT DIMENSIONS:
LATCHBOLT: 3/4" THROW, .640" X 1.000"
DEADBOLT: 1" THROW, .500" X 1.125"



DESCRIPTION: DORMA M9000 Series Mortise Lockset w/ Deadbolt x ROCKWOOD 585 Flushbolt		
SCALE: NONE	DRAWN BY: TA	DATE: 9-3-12



DORMA DOOR CONTROLS INC
1 DORMA DRIVE
REAMSTOWN, PA 17567

REVISIONS			
NO.	BY	DATE	
DWG. NO. 9000-200/300 DADE			